



Department of Defense DIRECTIVE

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DOT&E

SUBJECT: Major Range and Test Facility Base (MRTFB)

- References:
- (a) DoD Directive 3200.11, "Major Range and Test Facility Base," January 26, 1998 (hereby canceled)
 - (b) [DoD Directive 5141.2](#), "Director of Operational Test and Evaluation," May 25, 2000
 - (c) [DoD 3200.11-D](#), "Major Range and Test Facility Base Summary of Capabilities," June 1, 1983
 - (d) [DoD 5025.1-M](#), "DoD Directives System Procedures," August 1994
 - (e) through (o), see enclosure 1

1. REISSUANCE AND PURPOSE

This Directive:

1.1. Reissues reference (a) to update policy and responsibilities for the management and operation of specific DoD test and evaluation (T&E) activities (enclosure 2) (hereafter collectively referred to as the MRTFB), and realigns responsibilities for the MRTFB in accordance with reference (b).

1.2. Continues to authorize publication of DoD 3200.11-D (reference (c)), consistent with DoD 5025.1-M (reference (d)).

2. APPLICABILITY

This Directive applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the Department of Defense (hereafter referred to collectively as "the DoD Components").

3. POLICY

3.1. General. The MRTFB is a national asset that shall be sized, operated, and maintained primarily for DoD T&E support missions, but also may, in accordance with this Directive, be available to all users having a valid requirement for its capabilities.

3.1.1. The MRTFB consists of a broad base of T&E activities managed and operated under uniform guidelines to provide T&E support to the DoD Components responsible for developing or operating materiel and weapon systems.

3.1.2. In accordance with DoD 5000.2-R (reference (e)), T&E programs shall be structured to integrate all developmental T&E, operational T&E, live-fire T&E, and modeling and simulation activities conducted by different agencies as an efficient continuum. All such activities shall be part of a strategy to provide information on risk and risk mitigation, to provide empirical data for validation of models and simulations, to permit an assessment of the attainment of technical performance specifications and system maturity, and to determine whether systems are operationally effective, suitable, and survivable for the intended use. The MRTFB is a national asset that exists primarily to provide T&E information for DoD decision-makers and to support T&E needs of DoD research programs and weapon system development programs.

3.1.3. Other U.S. Government Agencies, State and local governments, allied foreign governments, and defense contractors may be permitted to use the MRTFB. Commercial entities may use the MRTFB in accordance with 10 U.S.C. 2681 (reference (f)) and DoD policy guidance. MRTFB commanders are to ensure that they are not competing with U.S. private industry in providing services to commercial entities. The use of MRTFB facilities by non-DoD entities shall not increase the cost to the Department to operate the MRTFB and shall not be factored into the decision-making process for sizing and maintaining the T&E infrastructure.

3.1.4. All users shall reimburse the MRTFB activities in accordance with the appropriate provisions of DoD 7000.14-R, "DoD Financial Management Regulation," per subparagraph 3.6.2. herein.

3.2. Scheduling of Test Resources. Test resources shall be scheduled on the basis of a priority system that gives equitable consideration to all DoD Components. Use of existing Military Department priority and precedence rating systems is encouraged, but such systems must accommodate DoD priorities, and not discriminate among DoD programs on the basis of DoD Component sponsorship.

3.2.1. While priorities and precedence ratings are a primary consideration, test support schedules shall also recognize specific time restrictions (such as launch windows and Defense Acquisition Board schedule milestones), and minimize delays to lower priority projects.

3.2.2. Scheduling conflicts that cannot be resolved at the installation and/or activity, or at the DoD Component level, shall be referred to the Director of Operational Test and Evaluation.

3.2.3. MRTFB commanders shall ensure equitable access for commercial entities and non-DoD Government users at their installations.

3.2.3.1. Commanders shall establish workable guidelines for their installations to provide some schedule stability and assurance to commercial entities and non-DoD Government users without compromising primary responsibility to DoD customers. The MRTFB commanders are responsible for resolving conflicts among all competing entities. Commanders' decisions on all such conflicts involving commercial and non-DoD Government entities shall be final. Every effort shall be made to meet all valid customer requirements.

3.2.3.2. The MRTFB commanders are authorized to terminate, prohibit, or suspend immediately any commercial test or evaluation activity if the installation commander determines in writing that the test or evaluation activity is or would be detrimental to:

3.2.3.2.1. The public health and safety.

3.2.3.2.2. Property (either public or private).

3.2.3.2.3. Any national security interest of the United States.

3.3. Capabilities. Major MRTFB T&E support capabilities shall be based on a combination of DoD user requirements, future technology drivers, and the mission of the activity, and shall not be duplicated elsewhere within the Department of Defense. As the core set of T&E facilities within the Department of Defense, the MRTFB shall be configured and operated to provide adequate support to the DoD Components.

3.4. Multiple-Site Testing. When a test requires the support of more than one MRTFB activity, a lead MRTFB activity concept shall be used. The lead MRTFB activity usually provides major support or originates the test.

3.4.1. The lead activity serves as the principal point of contact with the user for planning, execution, and reimbursements, and coordinates with other activities to obtain total support.

3.4.2. Scheduling and coordinating groups (such as the Southeastern Test and Training Area Coordinating Agency, the Joint Pacific Area Scheduling Office, and the R-2508 Restricted Area Complex Control Board) shall be established when inter-activity coordination and scheduling must routinely occur.

3.5. Defense Test and Training Steering Group (DTTSG). The DTTSG shall act as a permanent organization to coordinate planning and actions with respect to the MRTFB. The Director of Operational Test and Evaluation chairs the DTTSG. Membership consists of representatives of the T&E and training communities of the Office of the Secretary of Defense (OSD) and the Military Components. The DTTSG shall meet at the call of the chair who, in addition to other duties, will have an advisory and coordination responsibility to ensure present and future adequacy of the MRTFB and to avoid unnecessary duplication.

3.6. Financial

3.6.1. Funding of the MRTFB is designed to ensure the most effective development and testing of material and to provide for inter-Service compatibility, efficiency, and equity without influencing technical testing decisions or inhibiting legitimate and valid testing.

3.6.2. The activities listed in enclosure 2 shall be funded in a uniform manner. All costs incurred by MRTFB activities in support of T&E shall be billed in accordance with DoD 7000.14-R as follows:

3.6.2.1. Volume 11A, "Reimbursable Operations, Policy and Procedures" (reference (g)), provides overall guidance on reimbursable operations, policy and procedures.

3.6.2.1.1. Chapter 12 of reference (g) provides policy on MRTFB test customers that are DoD Components, non-DoD Component users (including Federal, State, and local governments); allied foreign governments; defense contractors; and U.S. commercial entities, when authorized.

3.6.2.1.2. Chapter 13 of reference (g) provides policy on U.S. Commercial Space Activities and their launch support customers covered in reference (f).

3.6.2.2. MRTFB activities that are Working Capital Fund activities are also subject to Volume 11B (reference (h)).

3.6.2.3. Foreign Military Sales customers are covered in Chapter 7, Volume 15 (reference (i)).

4. RESPONSIBILITIES

4.1. The Director of Operational Test and Evaluation, shall:

4.1.1. Establish policy for the MRTFB, including composition, use, and test program assignment.

4.1.2. Monitor and evaluate the MRTFB to ensure its adequacy to meet requirements and to prevent unnecessary duplication of capabilities.

4.1.3. Alter the composition of the MRTFB, if necessary, in coordination with the cognizant DoD Component.

4.1.4. Coordinate all appropriate range and resource decisions that impact developmental test and evaluation with Under Secretary of Defense (Acquisition, Technology, and Logistics) (USD(AT&L)). The USD(AT&L) or designee will be a member of all appropriate range and resource committees that affect developmental test and evaluation.

4.1.5. Coordinate all decisions affecting financial policy and all decisions containing a monetary value (financial and non-financial) with the Under Secretary of Defense (Comptroller).

4.1.6. Develop, in coordination with the Military Departments, and issue DoD 3200.11-D (reference (c)), in accordance with DoD 5025.1-M (reference (d)).

4.1.7. Plan, program, and budget for the Central Test and Evaluation Investment Program. This program shall be used to fund high priority and critical multi-Service test and evaluation investment programs.

4.2. The Secretaries of the Military Departments and the Assistant Secretary of Defense for Command, Control, Communications, and Intelligence shall:

4.2.1. Manage and operate their assigned MRTFB installations and activities, as designated in enclosure 2.

4.2.2. Structure their installations or activities to support specific kinds of DoD tests and programs and, within available resources, any other user requirements considered to be within the mission of each installation or activity.

4.2.3. Plan, program, and budget for institutional costs and implement a reimbursement system to define and collect user charges. Institutional costs are those costs budgeted as part of the appropriation that funds the MRTFB facilities.

4.2.4. Modernize test support capabilities and replace or repair general-purpose instrumentation, equipment, and facilities.

4.2.5. Ensure early MRTFB participation in the T&E planning process of new defense materiel and systems (DoD 5000.2-R, reference (e)) to maximize use of existing test support capabilities, avoid unnecessary new acquisition, prevent duplication, and permit development of new capabilities.

4.2.6. Assess the environmental consequences of proposed actions within the United States (DoD Instruction 4715.9, reference (j)), and outside the United States (DoD Directive 6050.7, reference (k)), as prescribed in these DoD Issuances.

4.2.7. Establish and maintain an intergovernmental coordination management process to achieve full consultation of MRTFB land and facility development programs and facilities (DoD Directive 4165.61, reference (l)).

4.2.8. When changes to the composition of the MRTFB are needed or desired, request the DOT&E to alter the MRTFB composition under subparagraph 4.1.3., above. Provide to the DOT&E information on the facility affected, timeframe of the action under consideration, the known impact to affected acquisition programs, and the expected effect on the DoD Component's budget. Coordinate with other DoD Components any plan to close or significantly reduce the capacity and capability of a MRTFB installation or activity.

4.2.9. Ensure that each commander of an MRTFB installation or activity shall:

4.2.9.1. Develop and maintain a master plan for developing and operating the MRTFB installation and/or activity.

4.2.9.2. Develop and disseminate an installation and/or activity users' guide that provides capability summaries and procedures for introducing a test program. The capability summaries may reference a generally available electronic database.

4.2.9.3. Coordinate and cooperate with prospective users to assist in T&E planning, including trade-off analyses and optimization of test scenarios based on the test objectives and test support capabilities.

4.2.9.4. Support the planning, programming, and budgeting process by providing estimates of operations, maintenance, and modernization requirements to accomplish projected workloads and maintain the activity.

4.2.9.5. Manage the activity, administer the operating program, and ensure that collections are made for all amounts owed for services of the MRTFB in accordance with paragraph 3.6. herein.

4.2.9.6. Provide or arrange for test support and resources, including, as appropriate, tracking and data acquisition, data reduction, communications, meteorology, targets, utilities, photography, calibration, security, recovery, maintenance and repair, frequency management and control, and base support services relevant to the facility mission. This includes other ranges when range support is required beyond the nominal boundaries or capabilities of the lead activity.

4.2.9.7. Ensure that military use of offshore areas shall conform to the policies in DoD Directive 3100.5 (reference (m)).

4.2.9.8. Ensure safety is consistent with operational requirements, which includes the prevention of test objects from violating established limits through impact for vehicles with suborbital trajectories and through orbital injection or escape velocity for space vehicles. When more than one activity is involved in a test, the lead activity shall be responsible for safety. For earth recovery or impact of orbiting space vehicles, the safety responsibility rests with the activity controlling the recovery portion of the flight. Specific responsibilities are:

4.2.9.8.1. Determine policies and enforce safety procedures.

4.2.9.8.2. Coordinate safety plans and procedures with other Agencies within potentially affected areas and issue notices within the United States and to foreign governments on anticipated hazards from test activities.

4.2.9.8.3. Coordinate on public affairs plans and assist in disseminating appropriate information.

4.2.9.8.4. Establish allowable ground and flight safety conditions and take appropriate action to ensure that test articles do not violate the conditions.

4.2.9.8.5. Notify the National Military Command Center if an accident or errant trajectory occurs that may have international implications.

4.2.9.9. Measure and recognize, in accordance with DoD 7000.14-R, Volume 4, "Accounting Policy and Procedures" (reference (n)), accrued environmental and non-environmental disposal cost liabilities per Chapter 13, and accrued environmental restoration (cleanup) liabilities per Chapter 14.

4.2.10. Ensure that MRTFB users shall:

4.2.10.1. Provide timely and complete notification of support requirements, using documentation formats prescribed by the installation activity. The system manager concerned shall certify the initial requirements to the installation and/or activity commander.

4.2.10.2. Plan, budget, and reimburse the MRTFB installations and activities for support costs, as specified by the installation or activity, based on the guidance in paragraph 3.6., above.

4.2.10.3. Obtain prior concurrence from the installation or activity before entering into any contractual commitment containing activity use provisions.

4.2.10.4. Obtain prior approval from the activity for use of user-furnished instrumentation and ground support equipment to ensure compatibility and prevent duplication. Operate and maintain ground equipment and support facilities assigned for their exclusive use.

4.2.10.5. Provide timely notification of test system performance characteristics, such as planned flight trajectories, in accordance with established activity requirements.

4.2.10.6. Document unique test support capabilities needed beyond those presently available or planned by the activity in Part 5 of the T&E Master Plan (DoD 5000.2-R, reference (e)).

4.2.10.7. Ensure that tests comply with international treaties and other agreements.


4.2.10.8. Coordinate system safety and environmental matters with the activity under reference (e).

5. INFORMATION REQUIREMENTS

The reporting of recommendations for changes to the composition of the MRTFB required by this Directive is exempt from licensing in accordance with paragraph C4.4.4. of DoD 8910.1-M (reference (o)).

6. EFFECTIVE DATE

This Directive is effective immediately.



Paul Wolfowitz
Deputy Secretary of Defense

Enclosures - 2

- E1. References, continued
- E2. Major Range and Test Facility Base

E1. ENCLOSURE 1

REFERENCES, continued

- (e) [DoD 5000.2-R](#), "Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs," April 5, 2002
- (f) Section 2681 of title 10, United States Code, "Use of Test and Evaluation Installations by Commercial Entities"
- (g) DoD 7000.14-R, "Financial Management Regulation," Volume 11A, "Reimbursable Operations, Policy and Procedures," April 2000
- (h) DoD 7000.14-R, "Financial Management Regulation," Volume 11B, "Reimbursable Operations, Policy and Procedures-Defense Business Operations Fund," December 1994
- (i) DoD 7000.14-R, "Financial Management Regulation," Volume 15, "Security Assistance Policy and Procedures," February 2000
- (j) [DoD Instruction 4715.9](#), "Environmental Planning and Analysis," May 3, 1996
- (k) [DoD Directive 6050.7](#), "Environmental Effects Abroad of Major Department of Defense Actions," March 31, 1979
- (l) [DoD Directive 4165.61](#), "Intergovernmental Coordination of Department of Defense Federal Development Programs and Activities," August 9, 1983
- (m) [DoD Directive 3100.5](#), "Department of Defense Offshore Military Activities Program," March 16, 1987
- (n) DoD 7000.14-R, "DoD Financial Management Regulation," Volume 4, "Accounting Policy and Procedures," August 2000.
- (o) [DoD 8910.1-M](#), "DoD Procedures for Management of Information Requirements," June 1998

E2. ENCLOSURE 2

MAJOR RANGE AND TEST FACILITY BASE

E2.1. ARMY ACTIVITIES

E2.1.1. White Sands Missile Range, including Electronic Proving Ground at Ft Huachuca, AZ.

E2.1.2. High Energy Laser Systems Test Facility.

E2.1.3. U.S. Army Kwajalein Atoll.

E2.1.4. Yuma Proving Ground.

E2.1.5. Dugway Proving Ground.

E2.1.6. Aberdeen Test Center.

E2.2. NAVY ACTIVITIES

E2.2.1. Naval Air Warfare Center-Weapons Division, Point Mugu.

E2.2.2. Naval Air Warfare Center-Weapons Division, China Lake.

E2.2.3. Naval Air Warfare Center-Aircraft Division, Patuxent River.

E2.2.4. Atlantic Undersea Test and Evaluation Center.

E2.2.5. Pacific Missile Range Facility.

E2.3. AIR FORCE ACTIVITIES

E2.3.1. 45th Space Wing.

E2.3.2. 30th Space Wing.

E2.3.3. Arnold Engineering Development Center.

E2.3.4. Nevada Test and Training Range (NTTR).

E2.3.5. Air Force Flight Test Center.

E2.3.6. Utah Test and Training Range.

E2.3.7. Air Armament Center (AAC) 46th Test Wing.

E2.4. DEFENSE INFORMATION SYSTEMS AGENCY ACTIVITY

E2.4.1. Joint Interoperability Test Command.